



Innovation Beyond Borders



Seed NanoTech International Inc. and Canada's Nepali Diaspora Are Shaping the Future of Science,
Research and Global Collaboration
Special Documentary

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Introduction

Destination Canada: Exploring the Future Through Innovation

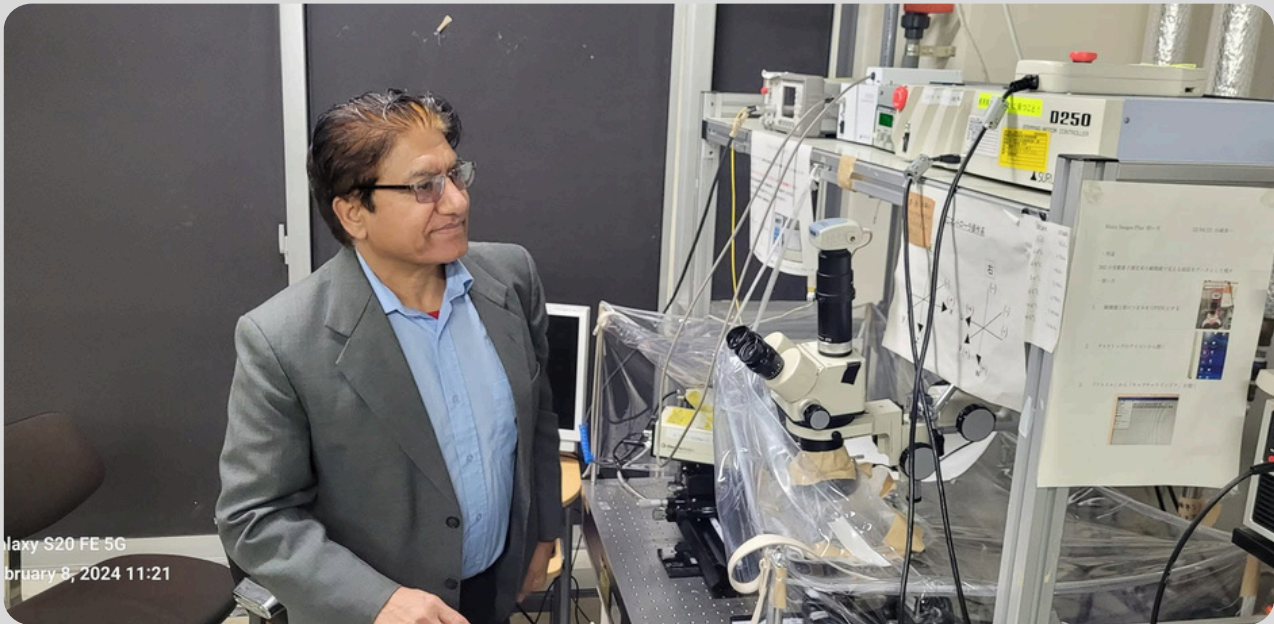
Destination Canada is more than a television program—it is a platform dedicated to discovering inspiring stories of education, scientific research, entrepreneurship, innovation, and the remarkable achievements of Nepali professionals across Canada.

In this special documentary feature, Jupiter Media travels beyond university campuses into one of Canada's most exciting innovation environments—Seed NanoTech International Inc. Here, cutting-edge research in nanotechnology, artificial intelligence, photonics, and advanced materials is transforming ideas into practical solutions with global impact.

This journey also celebrates the inspiring contributions of the Nepali diaspora, whose expertise, leadership, and dedication continue to strengthen Canada's innovation ecosystem while creating meaningful connections with Nepal.



Seed NanoTech International Inc.



Innovation Begins with Vision

Founded by visionary scientist Dr. Conrad Rizal, Seed NanoTech International Inc. has become one of Canada's emerging leaders in scientific research and technology innovation.

The company specializes in:

- ✓ **Nanotechnology**
- ✓ **Artificial Intelligence**
- ✓ **Photonics**
- ✓ **Advanced Materials**
- ✓ **Scientific Research**
- ✓ **Environmental Technologies**
- ✓ **Commercial Innovation**

During Destination Canada's exclusive visit, Dr. Rizal personally welcomed the Jupiter Media team and conducted a comprehensive laboratory tour, introducing the latest research facilities, advanced scientific equipment, and ongoing innovation projects.

The visit highlighted how Seed NanoTech transforms laboratory discoveries into practical technologies capable of addressing real-world challenges in healthcare, environmental sustainability, and advanced manufacturing.

Seed NanoTech International Inc.



During the Destination Canada TV Show, Jupiter Media engaged in a series of insightful interactions with the Seed NanoTech International Inc. team and distinguished members of the Nepalese diaspora in Canada, exploring how scientific innovation, entrepreneurship, and community leadership are driving Canada's knowledge-based economy.



These conceptual discussions highlighted the power of cross-border collaboration, showcasing how Nepali professionals are making significant contributions to research, technology, education, and global innovation while strengthening the enduring partnership between Nepal and Canada.

Exclusive Interview with Dr. Conrad Rizal @ Destination Canada



During the interview, Dr. Rizal discussed the importance of connecting scientific discovery with commercialization and emphasized the role of international collaboration in accelerating technological advancement.

He expressed his appreciation to Jupiter Media for producing Destination Canada, noting that the program provides a valuable platform for showcasing Canadian innovation while highlighting the remarkable achievements of Nepali professionals contributing to research and technology worldwide.

The laboratory tour demonstrated how multidisciplinary research teams collaborate to develop technologies that have the potential to influence industries far beyond Canada.

"Innovation has meaning only when it creates positive impact for society."

Destination Canada @ Seed NanoTech Lab

Destination Canada received exclusive access to Seed NanoTech's research facilities.

The production team documented:

- **Advanced research laboratories**
- **Nanotechnology applications**
- **Photonics development**
- **Artificial Intelligence integration**
- **Scientific testing procedures**
- **Innovation commercialization**
- **Research collaborations**

Every laboratory reflected a commitment to scientific excellence and continuous innovation



Advisor Voices

Ralph Kachur: Advancing Innovation Through Strategic Collaboration



As President of ROATI Technologies Inc., Ralph Kachur emphasized that strong collaboration between technology companies, research institutions, and industry partners is essential to strengthening Canada's innovation ecosystem. He shared that meaningful partnerships accelerate the journey from scientific discovery to commercially viable technologies, creating solutions that benefit industries, communities, and society as a whole.

Ralph highlighted the growing importance of connecting research with entrepreneurship, enabling innovative ideas to evolve into market-ready products that address real-world challenges. He noted that organizations working together across disciplines can foster sustainable growth, attract global talent, and create new opportunities for the next generation of scientists, engineers, and technology professionals.

During his interaction with the Seed NanoTech International Inc. team, Ralph expressed his appreciation for the visionary leadership and unwavering commitment demonstrated by the company's management in advancing research, innovation, and international collaboration. He praised Seed NanoTech's dedication to nurturing young researchers, supporting industry-academic partnerships, and creating an environment where innovation can thrive.

"Innovation reaches its full potential when research, industry, and visionary leadership work together to transform ideas into technologies that create lasting value for society."

Young Innovators

Abira G. :- A Rising Biotechnology Researcher Bridging Education, Innovation, and Global Collaboration



An Advanced Diploma student in Biotechnology at Centennial College, Abira G. represents the next generation of researchers building careers through industry-academic collaboration.

Her placement at Seed NanoTech International Inc. has provided invaluable experience in laboratory practices, biotechnology research, and applied innovation. She also shared insights from her professional visit to France, where she explored international research collaborations and gained broader perspectives on global scientific development.

Her journey reflects the growing opportunities available to students who embrace experiential learning, international exposure, and interdisciplinary research. As biotechnology continues to shape the future of healthcare, environmental sustainability, and advanced manufacturing, Abira's dedication and curiosity position her among the emerging leaders prepared to contribute to scientific progress on a global scale.

Her story is an inspiring example of how education, industry collaboration, and international engagement can empower students to become innovators capable of creating meaningful solutions for society while building successful careers in advanced scientific research.

"The future of biotechnology belongs to those who embrace knowledge, hands-on experience, and global collaboration to transform scientific curiosity into innovations that improve lives."

Growing Together

Paramjeet Kaur, Accountant - Seed NanoTech International Inc



As the Accountant at Seed NanoTech International Inc., Paramjeet Kaur contributes to the company's sustainable growth by supporting efficient operations and a culture of excellence.

She shared that Seed NanoTech is dedicated to creating meaningful career opportunities for students, researchers, and professionals from around the world through industry-academic collaboration and innovation-driven projects. According to her, an inclusive workplace that values diversity, continuous learning, and professional development enables individuals to build rewarding careers while contributing to scientific advancement. By providing mentorship, practical experience, and exposure to global research initiatives, Seed NanoTech empowers emerging talent to develop the skills and confidence needed to succeed in today's rapidly evolving biotechnology and technology sectors.

She emphasized that investing in people and fostering a collaborative research environment not only accelerates innovation but also prepares future leaders to address global scientific and technological challenges with confidence.

"A successful career is built where learning never stops, opportunities are shared, and innovation is driven by people working together with purpose."

Special Discussion

The Future of the Nepali Diaspora in Canada



As part of the Destination Canada television series, Jupiter Media hosted a special discussion featuring distinguished Nepali professionals from diverse sectors across Canada. The conversation highlighted the remarkable achievements, resilience, and growing contributions of the Nepali diaspora in education, research, technology, entrepreneurship, healthcare, and community leadership.

The discussion also reflected Jupiter Media's long-standing commitment to connecting Nepali communities around the world. Through successful international television productions such as Destination Australia, Destination UK, Destination India, and Destination Bangladesh, Jupiter Media has consistently showcased the achievements of Nepalis abroad while promoting Nepal's culture, language, identity, and global presence. These programs have served as an important platform for strengthening relationships between the diaspora and Nepal, inspiring young people, and encouraging international collaboration.

The Canada edition continues this mission by documenting inspiring stories of success, innovation, and community engagement. Through meaningful dialogue and shared experiences, the program celebrates the vital role of the Nepali diaspora in Canada's multicultural society while reinforcing the values of cultural preservation, knowledge exchange, and global partnership that unite Nepalis across the world.

"Wherever Nepalis succeed, their stories become bridges that connect cultures, inspire future generations, and strengthen Nepal's presence on the global stage."

Voice of Nepalese Diaspora in Canada

Punya Sagar Marahatta, Senior Vice President, NRN Canada | Assistant Professor, Architecture and Urban Planning



Punya Sagar Marahatta shared his inspiring journey of establishing a successful professional career in Canada while remaining deeply connected to the Nepali community. Reflecting on his experience, he explained how Canada provided opportunities to apply his expertise in architecture, urban planning, research, and higher education within a diverse and innovation-driven environment. Through dedication, continuous learning, and professional excellence, he has been able to contribute to academic development, mentor future professionals, and support community initiatives that strengthen multicultural collaboration.

Speaking on the evolution of the Nepali diaspora, Marahatta noted that Nepali professionals are increasingly making meaningful contributions across academia, technology, engineering, healthcare, business, and public service. He encouraged young Nepalis to build strong technical skills, embrace lifelong learning, and actively participate in Canada's knowledge economy while preserving their cultural identity. He also praised Seed NanoTech International Inc. for its commitment to research, innovation, and industry-academic collaboration.

Acknowledging the visionary leadership of Dr. Conrad Rizal, he commended the organization's efforts in creating a research-driven environment that nurtures young scientists, supports emerging talent, and strengthens Canada's innovation ecosystem.

"Success comes from continuously applying your knowledge, embracing new opportunities, and using your skills to create lasting value for both your community and the country you serve."

Engineering Excellence to Community Leadership

Kiroj Shrestha, President, Nepalese Canadian Cricket Club | Senior Engineer



Kiroj Shrestha shared his inspiring journey of building a successful engineering career in Canada while remaining actively involved in strengthening the Nepali community through sports and leadership. As a Senior Engineer, he spoke about the importance of technical excellence, continuous professional development, and adapting to Canada's innovation-driven work environment. His experience demonstrates how dedication and perseverance can open doors to rewarding career opportunities while contributing to the country's infrastructure and technological advancement.

Beyond his professional achievements, Kiroj serves as President of the Nepalese Canadian Cricket Club, where he has played a significant role in promoting cricket among the Nepali diaspora and fostering community engagement. He emphasized that sports not only encourage healthy lifestyles but also strengthen friendships, cultural identity, and unity among Nepalis living across Canada. Through cricket, the community continues to celebrate its heritage while building meaningful connections with Canada's multicultural society.

Kiroj also commended Dr. Conrad Rizal for his outstanding contributions to scientific research and innovation. He noted that Dr. Rizal's internationally recognized patents, visionary leadership, and commitment to advancing technology are a source of pride for the global Nepali community, inspiring young professionals to pursue excellence on the international stage.

"Success is measured not only by professional achievements but also by how we inspire our community, preserve our identity, and create opportunities for future generations."

Building Futures Through Ethical Immigration Guidance

Ashok Paudel, Canadian Immigration Consultant (RCIC) - Aayam Immigration



As a Regulated Canadian Immigration Consultant (RCIC) at Aayam Immigration, Ashok Paudel has dedicated his career to helping international students navigate Canada's education and immigration systems with confidence and clarity. He emphasized that ethical guidance, accurate information, and personalized support are essential in enabling students to make informed decisions about their academic and professional futures.

Drawing on his experience, Ashok shared that success in Canada requires more than securing admission or a visa—it involves careful planning, adaptability, and understanding the opportunities and responsibilities that come with studying and working in a new country. He encouraged students to develop practical skills, embrace lifelong learning, and actively engage with Canadian society to maximize their career potential.

Ashok also highlighted the importance of maintaining high professional standards in immigration consulting, ensuring that every student receives transparent advice and comprehensive support throughout their journey. He believes that when students are equipped with the right guidance and realistic expectations, they are better positioned to achieve academic excellence, establish rewarding careers, and contribute meaningfully to Canada's diverse and dynamic workforce.

"The right guidance at the right time can transform a student's dream into a successful career and a meaningful future in Canada."

Financial Leadership for Sustainable Community Growth

Laxman Khadka, professional Accountant and Auditor



As a professional Accountant and Auditor, Laxman Khadka shared his journey of building a successful career in Canada through integrity, continuous learning, and professional excellence. He emphasized that strong financial management and transparent governance are essential foundations for sustainable business growth, entrepreneurship, and long-term community development.

Drawing from his extensive experience in accounting, auditing, and financial advisory services, Laxman highlighted the critical role financial professionals play in helping businesses remain compliant, improve operational efficiency, and make informed strategic decisions. He encouraged aspiring entrepreneurs and young professionals to develop strong financial literacy, ethical leadership, and a commitment to lifelong professional development.

Beyond his professional achievements, Laxman stressed the importance of giving back to the community by mentoring emerging professionals and supporting initiatives that strengthen the Nepali diaspora in Canada. He believes that responsible leadership, sound governance, and collaboration create opportunities for economic growth while inspiring future generations to pursue excellence in business and finance.

"Professional excellence is built on integrity, and true leadership is measured by the positive impact we create for our businesses, our communities, and future generations."

Serving Nepal Through Hospitality and Entrepreneurship

Chef Rajesh Pandey, Head Chef - Gorkha Palace



As the Head Chef of Gorkha Palace, Chef Rajesh Pandey has built a successful career in Canada's hospitality industry by combining culinary excellence with entrepreneurial vision. Through his dedication to authentic Nepali cuisine, he has introduced Canadian communities to the rich flavors, traditions, and cultural heritage of Nepal, making food a powerful bridge between cultures.

Chef Rajesh shared that the hospitality sector offers tremendous opportunities for hard-working individuals to build rewarding careers while developing leadership and business skills. As a restaurateur and mentor, he has also been committed to supporting newly arrived Nepali students by providing valuable part-time employment opportunities. These roles not only help students gain Canadian workplace experience and financial independence but also enable them to develop confidence, communication skills, and professional discipline while pursuing their education.

He believes that entrepreneurship extends beyond business success—it is about creating opportunities for others and strengthening the community. By promoting Nepali cuisine, supporting young talent, and preserving cultural identity, Chef Rajesh continues to make a meaningful contribution to both Canada's multicultural society and the Nepali diaspora.

"True success is achieved when your passion creates opportunities for others, preserves your culture, and inspires the next generation to dream bigger."

A Young Nepali Author Inspiring the Next Generation

Sriyanshi Gyawali, Author



Destination Canada had the opportunity to speak with young Nepali author Sriyanshi Gyawali, whose passion for storytelling has already earned her recognition through the publication of two fantasy novels, *The Dark Arts of Unnem* and *The Dark Secrets of Unnem*. Her remarkable achievement at a young age reflects the creativity, imagination, and determination of Nepal's emerging literary talent.

During the conversation, Sriyanshi shared her journey as a writer, explaining how her love for books and creative thinking inspired her to develop the fictional world of Unnem. She encouraged young people to pursue their passions with confidence, emphasizing that discipline, perseverance, and continuous learning are the keys to transforming ideas into meaningful accomplishments.

Destination Canada proudly showcased Sriyanshi's inspiring story as an example of the growing global presence of young Nepali creators. Her success demonstrates that Nepali youth are making their mark not only in science, technology, and entrepreneurship but also in literature and the creative arts. By promoting young authors like Sriyanshi, the program aims to inspire aspiring writers and celebrate Nepal's rich creative potential on the international stage.

"Every great story begins with the courage to imagine. When young minds dare to dream, they inspire a generation to believe that their voices can reach the world."

Preserving Heritage, Empowering New Generations

Naresh Gyawali, Nepalese Community leader



Community leader Naresh Gyawali shared his long-standing commitment to supporting newly arrived Nepali students and families as they begin their journey in Canada. He explained that helping newcomers settle into a new country goes beyond providing information—it involves building confidence, creating networks, and connecting them with educational, employment, and community opportunities that enable them to succeed.

A passionate advocate for Nepali language and culture, Naresh highlighted the importance of preserving Nepal's rich heritage among younger generations born and raised in Canada. Through initiatives such as the Himalaya Mela and community language programs, he has worked to promote the Nepali language, cultural traditions, and festivals, ensuring that even third-generation Nepali Canadians remain connected to their roots while embracing Canada's multicultural identity. He also emphasized the importance of encouraging young entrepreneurs by creating platforms for networking, mentorship, and collaboration within the Nepali community.

Naresh commended the Government of Canada's continued commitment to multiculturalism and cultural diversity, noting that its inclusive policies create an environment where communities from around the world can celebrate their heritage while contributing meaningfully to Canadian society.

"A community grows stronger when it preserves its language, celebrates its culture, supports its youth, and embraces the diversity that unites us all."

Advancing Research Through Media and Innovation



The collaboration between Jupiter Media and Seed NanoTech International Inc. marks the beginning of a long-term partnership dedicated to promoting scientific excellence, innovation, and international research collaboration. By documenting groundbreaking research, emerging technologies, and the achievements of scientists, researchers, and innovators, both organizations aim to create greater public awareness of the transformative role of science in addressing global challenges.

Looking ahead, this partnership envisions expanding collaborative initiatives that connect universities, research institutions, industry leaders, policymakers, and the Nepali diaspora across Canada and beyond. Future projects will showcase advancements in nanotechnology, biotechnology, artificial intelligence, photonics, environmental monitoring, and other emerging fields while inspiring students and young researchers to pursue careers in science, technology, engineering, and innovation.

Through documentary storytelling, educational programming, and international engagement, Jupiter Media and Seed NanoTech International Inc. seek to build a stronger bridge between Nepal and Canada, encouraging knowledge exchange, research commercialization, academic partnerships, and talent development. Together, they aspire to create a global platform where scientific discovery, innovation, and collaboration inspire future generations to develop solutions that contribute to a more sustainable, inclusive, and technologically advanced world.

"The future of science is built through collaboration, where research, innovation, and knowledge transcend borders to create solutions that benefit humanity."